## PCT/AU03/00731

A	CLASSIFICATION OF SUBJECT MATTER							
Int. Cl. 7:	G01N 33/48							
According to	International Patent Classification (IPC) or to both	national classification and IPC						
В.	FIELDS SEARCHED							
Minimum documentation searched (classification system followed by classification symbols)								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
WPIDS (Wo	base consulted during the international search (name of rld Patents); CAPLUS (Chemical Abstracts); charidosis/oses, lysosomal storage, electrospi	MEDLINE (Medical Abstracts): keywords in	cl.					
· C.	DOCUMENTS CONSIDERED TO BE RELEVANT							
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.					
P,X	MOLECULAR GENETICS AND METABOLISM, vol. 78, 193-204; Ramsay, S.L. et al. (2003) Determination of monosaccharides and disaccharides in mucopolysaccharidoses patents by electrospray ionisation spectrometry; published March 2003; see the whole document, but particularly the references.							
X,Y	CLINICAL CHEMISTRY, vol. 48 no. 1, 131-139; Rozaklis, T. et al. (2002) Determination of oligosaccharides in Pompe disease by electrospray ionization tandem mass spectrometry; published January 2002; see the whole document.							
Y	ANALYTICAL BIOCHEMISTRY, vol. 248, 63-75; Pitt, J.J. and Gorman, J.J. (1997) Oligosaccharide characterization and quantitation using 1-phenyl-3-methyl-5- pyrazolone derivatization and matrix-assisted laser desorption/ionization time-of-flight mass spectrometry; see the whole document.							
X F	urther documents are listed in the continuation	n of Box C X See patent family anne	ex					
"A" Docume which is relevance "E" Earlier a	application or patent but published on or "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step							
claim(s) publicat reason (s) "O" Docume exhibite	ent which may throw doubts on priority "Y" do or which is cited to establish the cited to establish the cited of another citation or other special as specified) a	when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family						
filing da	ate but later than the priority date claimed al completion of the international search	TD: 0 # 01						
14 August 20		Date of mailing of the international search report 2 9 AUG 2003						
	ng address of the ISA/AU	Authorized officer						
PO BOX 200, V	PATENT OFFICE WODEN ACT 2606, AUSTRALIA pct@ipaustralia.gov.au 02) 6285 3929	DAVID HENNESSY Telephone No: (02) 6283 2255						

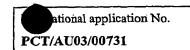
international application No.

PCT/AU03/00731

C (Continuat	ion). DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X,Y	ANALYTICAL BIOCHEMISTRY, vol. 119, 120-127; Hopwood, J.J. and Harrison, J.R. (1982) High resolution electrophoresis of urinary glycosaminoglycans: and improved screening test for the mucopolysaccharidoses; see the whole document.			
<b>X,Y</b>	MOLECULAR GENETICS AND METABOLISM, vol. 65, 282-290; Byers, S. et al. (1998) Glycosaminoglycan accumulation and excretion in the mucopolysaccharidoses: characterization and basis of a diagnostic test for MPS; see the whole document.			
X,Y	BIOCHEM. J., vol. 229, 579-586; Hopwood, J.J. and Elliott, H. (1985) Urinary excretion of sulphated N-acetylhexosamines in patients with various mucopolysaccharidoses; see the whole document.			
Y	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY, vol. 11, 916-920; Desaire, H. and Leary, J.A. (2000) Detection of the sulfated disaccharides in chondroitin sulfate by electrospray tandem mass spectrometry; see the whole document.			
Υ .	CLINICAL CHEMISTRY, vol. 47, no. 11, 1937-1938; Sweetman, L. (2001) Newborn screening by tandem mass spectrometry: gaining experience; see the whole document.	1-61		
P,X	RU 2196988 C2 (GOSUDARSTVENNYJ NOVOSIBIRSKIJ OBLASTNOJ KLINICHESKIJ DIAGNOSTICHESKIJ TSENTR) 20 January 2003; see the abstract.	1-3, 5-7, 13, 25, 27-29, 32- 33, 39, 52		
P,X,Y	WO 03/048784 A2 (ICH PRODUCTIONS LIMITED) 12 June 2003; see the examples, claims and figures in particular.			
X,Y	WO 01/94941 A2 (DUKE UNIVERSITY) 13 December 2001; see the examples, claims and figures in particular.			
Y	GLYCOCONJUGATE JOURNAL, vol. 15, 737-747; Packer, N.H. et al. (1998) A general approach to desalting oligosaccharides released from glycoproteins; see the, whole document.			
Y	ANALYTICAL CHEMISTRY, vol. 73 no. 8, 1651-1657; Gerber, S.A. et al. (2001) Direct profiling of multiple enzyme activities in human cell lysates by affinity chromatography/electrospray ionization mass spectrometry: application to clinical enzymology. See the abstract in particular.			
Y	THE JOURNAL OF INVESTIGATIVE DERMATOLOGY, vol. 79, 38s-44s; Fluharty, A.L. (1982) The mucopolysaccharidoses: a synergism between clinical and basic investigation. See the tables, figures and abstract in particular.	1-61		
Y	ACTA NEUROPATHOL, vol. 100, 409-414; Whitfield, P. et al. (2000) G <sub>M1</sub> -gangliosidosis in cross-bred dog confirmed by detection of G <sub>M1</sub> -ganglioside using electrospray ionisation-tandem mass spectrometry; see the abstract and figures.	1-61		

## INTERNATIONALSEARCH REPORT

Information on patent family members



This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Pate	nt Family Member	•	•
RU	2196988						
wo	2003048784	GB	200128498				
wo	200194941	AU	200166733	CA	2409989	US	2002102737
							END OF ANNEX